

CLAIMS:

(amended)

1. A method for measuring the metabolism of the pancreas, characterized in that the increase of $^{13}\text{CO}_2$ in the exhaled air is determined before and after intravenous administration of secretin and before and after oral administration of a ^{13}C -triglyceride.
2. The method according to claim 1, characterized in that said ^{13}C -triglyceride is the mixed triglyceride glyceryl-1,3-dioctadecanoate-2-octanoate-1- ^{13}C .
3. The method according to claim 1 or 2, characterized in that the determination of $^{13}\text{CO}_2$ is effected by IRMS or NDIR.
4. The method according to at least one of claims 1 to 3, characterized in that 1 U of secretin per kg of body weight is administered intravenously within about 15 to 30 minutes.
5. The method according to any of claims 1 to 4, characterized in that 200 mg of the mixed triglyceride is administered with a test meal.
6. A test kit containing:
 - a test meal of corn starch and cocoa powder;
 - a ^{13}C -mixed triglyceride;
 - a sample container;
 - instructions for use relating to a method according to claims 1 to 5.
7. A test meal according to claim 1, characterized in that said ^{13}C -mixed triglyceride is glyceryl-1,3-dioctadecanoate-2-octanoate-1- ^{13}C .

ART 34